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EXAMINER

KRICK, R

ART UNIT PAPER NUMBER

2317

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07/03/97

DATE MAILED:

This is a communication from the examiner in charge of your application.
COMMISSIONER OF PATENTS AND TRADEMARKS

☒ This application has been examined ☐ Responsive to communication filed on _____ ☐ This action is made final.

A shortened statutory period for response to this action is set to expire 3 month(s), 0 days from the date of this letter.
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

- ☒ Notice of References Cited by Examiner, PTO-892.
- ☒ Notice of Draftsman's Patent Drawing Review, PTO-948.
- ☐ Notice of Art Cited by Applicant, PTO-1449.
- ☐ Notice of Informal Patent Application, PTO-152.
- ☐ Information on How to Effect Drawing Changes, PTO-1474.
- ☐

Part II SUMMARY OF ACTION

1. ☒ Claims 1-16 are pending in the application.

Of the above, claims _____ are withdrawn from consideration.

2. ☐ Claims _____ have been cancelled.

3. ☐ Claims _____ are allowed.

4. ☒ Claims 1-16 are rejected.

5. ☐ Claims _____ are objected to.

6. ☐ Claims _____ are subject to restriction or election requirement.

7. ☐ This application has been filed with informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.

8. ☐ Formal drawings are required in response to this Office action.

9. ☐ The corrected or substitute drawings have been received on _____. Under 37 C.F.R. 1.84 these drawings are ☐ acceptable; ☐ not acceptable (see explanation or Notice of Draftsman's Patent Drawing Review, PTO-948).

10. ☐ The proposed additional or substitute sheet(s) of drawings, filed on _____, has (have) been ☐ approved by the examiner; ☐ disapproved by the examiner (see explanation).

11. ☐ The proposed drawing correction, filed _____, has been ☐ approved; ☐ disapproved (see explanation).

12. ☐ Acknowledgement is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received ☐ not been received ☐ been filed in parent application, serial no. _____; filed on _____.

13. ☐ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.

14. ☐ Other

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Part III DETAILED ACTION

1. Claims 1-16 are presented for examination.

Specification

2. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. § 103 which forms the basis for all obviousness rejections set forth in this Office action:

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

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4. Claims 1-16 are rejected under 35 U.S.C. § 103 as being unpatentable over Barbari, patent no. 5,532,838, in view of Goldberg et al, "Beyond the Web: Excavating the Real World Via Mosaic".

5. As to claim 11, Barbari teaches the claimed invention substantially as claimed, including a data processing ['DP'] as claimed, comprising: one or more data sources, a page server having a processing means, a first computer system including generation means for a request, a second computer system including receiving means for the request from the first computer, the second computer system also including a router for routing the request from the second computer system to the page server, the page server receiving the request and releasing the second computer system to process other requests, the page server processing means processing the request and dynamically generating a Web page in response to the request, and the Web page including data dynamically retrieved from the one or more data sources [col. 11 line 39 - col. 12 line 54, and col. 17 line 28 - col. 18 line 20].

6. However, Barbari does not **explicitly** teach a WWW system implementing the disclosed invention.

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7. Goldberg et al teach a WWW system having WWW clients and multiple servers so that when a client request comes in, a first server communicates with a second server in order to process the request [fig. 2, pages 5-7].

8. It would have been obvious for one of ordinary skill in the art at the time of the invention to combine teachings of Barbari and Goldberg et al because using Barbari's request processing system in Goldberg et al's WWW system would have increased efficiency and throughput of Goldberg et al's system.

9. As to claim 12, Barbari teaches the router includes an interceptor intercepting the request at the second computer system and routing the request, and the router also includes a dispatcher receiving the routed request from the interceptor and dispatching the request to the page server [col. 17 line 28 - col. 18 line 20].

10. As to independent claim 13, Barbari teaches a Web server executable receiving a dynamic Web page generation request, and intercepting means for intercepting the request and routing the request from the Web server executable to a page server [col. 11 line 39 - col. 12 line 54 and col. 17 line 28 - col. 18 line 20].

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11. Goldberg et al teach a WWW system having WWW clients and multiple servers, so that when a client request comes in, a first server communicates with a second server in order to process the request [fig. 2, pages 5-7].

12. As to independent claim 14, Barbari teaches a page server including receiving means for a dynamic Web page generation request and processing means for the request [col. 11 line 39 - col. 12 line 54 and col. 17 line 28 - col. 18 line 20].

13. Goldberg et al teach maintaining means for a connection cache to one or more data sources [page 6].

14. As to claim 15, Barbari teaches processing means for the request further includes dynamically retrieving means for data from the one or more data sources [col. 11 line 39 - col. 12 line 54 and col. 22 line 65 - col. 23 line 32].

15. Claims 1-10 are the corresponding method claims and claim 16 is the corresponding computer-readable medium claim of claims 11-15, and therefore, are rejected under the same rationale.

16. Further references of interest are cited on Form PTO-892 which is an attachment to this office action.

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17. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rehana Perveen, whose telephone number is (703) 305-8476. The examiner can normally be reached Monday through Friday from 8:00 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas C. Lee, can be reached at (703) 305-9717. The fax phone number for this Group is (703) 308-5359.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9600.

Rehana Perveen
June 30, 1997

CHRISTOPHER B. SHIN
PRIMARY EXAMINER
GROUP 2300

